TA-FE610R

SERVICE MANUAL

AFP Model



SPECIFICATIONS

Amplifier section

DIN power output

80 W + 80 W (4 ohms at 1 kHz) 60 W + 60 W (8 ohms at 1 kHz)

Total harmonic distortion

Less than 0.008% (at 10 W output)

Frequency response

PHONO (20 Hz - 20 kHz): RIAA equalization curve $\pm 0.5 dB$ TUNER, CD AUX, TAPE1/DAT, TAPE2/MD: 7 Hz - 100 kHz dB

S/N (network A)

PHONO: 90 dB

TUNER, CD, AUX, TAPE1/DAT, TAPE2/MD: 105 dB

Output voltage / impedance

REC OUT: 150 mV, 1 kilohm PHONES: 10 mW (at 8 ohms)

Speakers impedance

4 - 16 ohms, 8 - 16 ohms (SPEAKERS A+B)

Damping factor

100 (8 ohms, 1 kHz)

General

System

Power amplifier: Pure-complementary SEPP OCL power amplifier with all stages directly coupled Preamplifier: Low-noise, equalizer amplifier

Power requirements

220 - 230 V AC, 50/60 Hz

Power consumption

180 W

Dimensions (approx.) (w/h/d)

 $430 \times 135 \times 365$ mm incl. projecting parts and controls

Mass (approx.)

6.4 kg

Supplied accessories

Remote commander (remote) (1) RM-S316 Sony batteries SUM-3 (NS) (2)

Design and specifications are subject to change without

INTEGRATED STEREO AMPLIFIER





TABLE OF CONTENTS

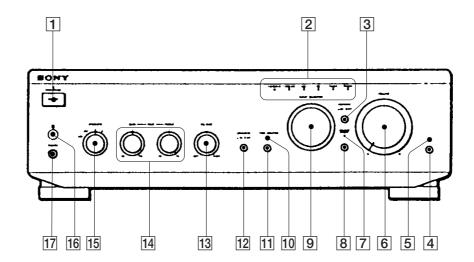
1. G	ENERAL	3
2. E	LECTRICAL ADJUSTMENT	4
3. D	IAGRAMS	
3-1.	Circuit Boards Location	5
3-2.	IC Pin Function	
	• IC902 Input Control LED Driver	
	(TMP47C103N-JP47)	6
3-3.	Schematic Diagram — Panel Section —	7
3-4.	Printed Wiring Board — Panel Section —	9
3-5.	Schematic Diagram — Main A Section —	11
3-6.	Printed Wiring Board — Main A Section —	13
3-7.	Schematic Diagram — Main B Section —	15
3-8.	Printed Wiring Board — Main B Section —	17
	XPLODED VIEWS	
	Front Panel Section	
4-2.	Chassis Section	20
5 F	FCTRICAL PARTS LIST	21

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \bigtriangleup OR DOTTED LINE WITH MARK \bigtriangleup ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

location of parts and controls

FRONT PANEL

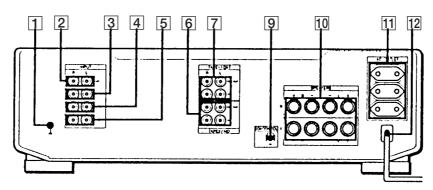


- 1 POWER switch
- INPUT SELECTOR indicatorSUBSONIC switch

- EON LINK switch
 EON LINK indicator
- 6 VOLUME control
- SOURCE DIRECT indicator
- **8** SOURCE DIRECT switch
- **9** INPUT SELECTOR control

- **10** TAPE MONITOR indicator
- 11 TAPE MONITOR switch
- 12 LOUDNESS switch
- **13** BALANCE control
- 14 TONE (BASS, TREBLE) control
- **15** SPEAKERS selector
- 16 Remote control sensor
- 17 PHONES jack

REAR PANEL



- 1 点 (SIGNAL GND)
- 2 AUX
- 3 CD
- 4 TUNER
- 5 PHONO
- 6 TAPE2/MD

- 7 TAPE1/DAT
- 9 EON CONTROL IN
- 10 SPEAKERS A/B
- 11 AC OUTLET
- 12 Mains lead

SECTION 2 ELECTRICAL ADJUSTMENT

Bias Adjustment

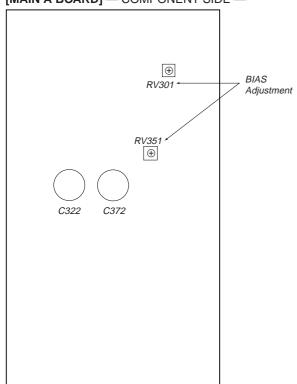
- Rotate fully the bias adjusting semi-fixed resistors (RV301, RV351) to the MIN position (counterclockwise).
- 2. Connect a digital voltmeter to the CN406 and CN407.

	1 pin	3 pin
CN406	_	+
CN407	+	-

- 3. Set the slide regulator to 0V, and press the POWER button (ON) on the set.
- 4. Raise gradually the slide regulator voltage up to the rated voltage (230 V).
- 5. At this time, confirm that the SP relay is turned on (it will click).
- Adjust the RV301 and RV351 so that a reading of digital voltmeter is 10 mV to 15 mV.
- Return the slidack to 0 V, and press the POWER button (OFF) on the set.

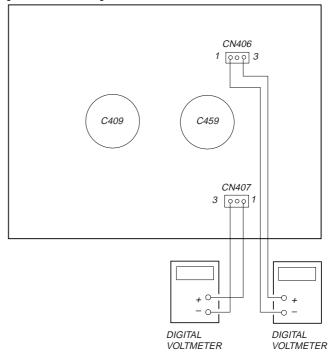
Adjustment Location:

[MAIN A BOARD] — COMPONENT SIDE —



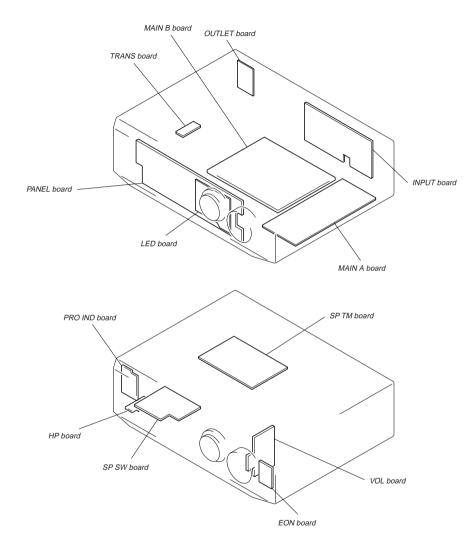
Test Point Location:

[MAIN B BOARD] — COMPONENT SIDE —



SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. IC PIN FUNCTION

• IC902 Input Control LED Drive (TMP47C103N-JP47)

Pin No.	Pin Name	I/O	Function
1	X OUT	0	System close (AMUs)
2	X IN	I	System clock. (4MHz)
3	RESET	I	Reset input.
4	PMD	I	Mode select input.
5	VOL +	0	Motor drive output (+).
6	VOL –	0	Motor drive output (–).
7	SW 0	I	Rotary switch input (CD).
8	SW 1	I	Rotary switch input (TUNER).
9	SW 2	I	Rotary switch input (PHONO).
10	EON	I	EON signal input.
11	PHONO	О	PHONO LED drive output.
12	TUNER	0	TUNER LED drive output.
13	CD	О	CD LED drive output.
14	GND	_	Ground.
15	AUX	О	AUX LED drive output.
16	DAT	0	TAPE "2" LED drive output.
17	TAPE	0	TAPE "1" LED drive output.
18	MON	О	MONITOR output.
19	PRY	О	Power relay output.
20	PKY	I	Power key input.
21	MON	I	MONITOR input.
22	SIRCS	I	SIRCS input.
23	MUTE	О	Muting output.
24	SCE	О	Chip enble output.
25	SDT	0	Serial data output.
26	SCK	О	Serial clock output.
27	STOP	I	STOP input.
28	+3V	_	+3V Power supply.

3-3. SCHEMATIC DIAGRAM — PANEL SECTION —

• See page 6 for IC Pin Function. (IC902) See page 15 for IC Block Diagram. (IC901) 8 5 6 9 10 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 [PRO IND BOARD] [PANEL BOARD] B+ **0**€0 0 S901 INPUT SELECTOR 00 [LED BOARD] -00303030309 SEL6810A DIRECT IC901 R916 1N4148M 9902 1N4148M SEL6810A PHONO R900 220 1C900 IC900 NJL54H400 SIRCS SELGOTOA TUNER 9907 125C1815 +3V REG 0914 1N4148M SEL6810ACD R419 10x 1916 1N4148M SELÁBIOA TAPETZDAT [EON BOARD] 8910 → ► SEL6810A TAPEZ/MĐ 8908 1N4148H 71 028 926H R940 # SEL6810A AUX 0909 25C2603 SWITCH S902 EON LINK 9607 TAPE SEL6810A MONITOR 37.1 37.9 ■ R910 39 9922 25C2603 R941 3.3k 15.3 ORIVE 1904 1N4148M B-1905 1N4148M Q920. 921 Q920 2.6 Q RELAY BNIA4M Q921 M DRIVE 2502603 R943 = R942 2.2k = 2.2k = **A**-SP SW BOARD CN950 INPUT BOARD (Page 16) **B**-(Page 11) S200 (1/2)
SOURCE BIRECT **-**C MAIN B BOARĐ CN405 (Page 15) NOTE • All capacitors are in μF unless otherwise noted.pF:μμF 50W or less are not indicated except for electrolytics • All resistors are in Q and 1/4W or less unless otherwise [VOL BOARD] 6 specified. • 🛆 :internal component. 525 • ____:panel designation. • B+ :B+ Line. • B- :B- Line. 6201 T • Voltages and waveforms are dc with respect to ground INPUT BOARD (Page 11) under no-signal conditions. -15.2 R956 6.8k no mark:TUNER -(B) Voltages are taken with a VOM (Input impedance 10MQ). MAIN A BOARD Waveform Voltage variations may be noted due to normal produc-0951 2503622A MUTE (Page 12) tion tolerances. (1) IC902 (1) pin • Waveforms are taken with a oscilloscope. S202 SUBSONIC Voltage variations may be noted due to normal production tolerances. • Circled numbers refer to waveforms. • Signal path. 5200 (2/2) :TUNER

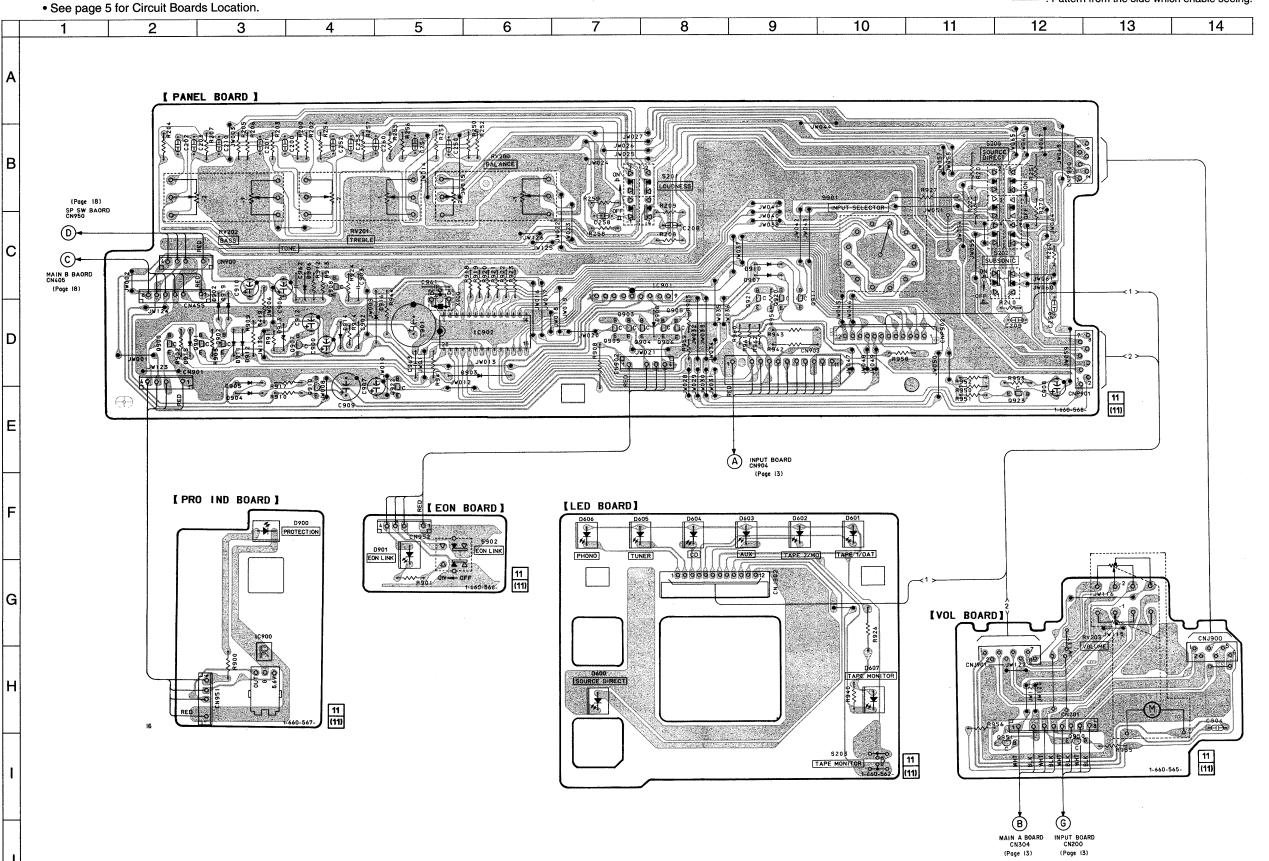
4MHz 1.92Vp-p

Note:

- --- : Parts extracted from the component side.
- \triangle : Internal component.
- : Pattern from the side which enable seeing.

• Semiconductor Location

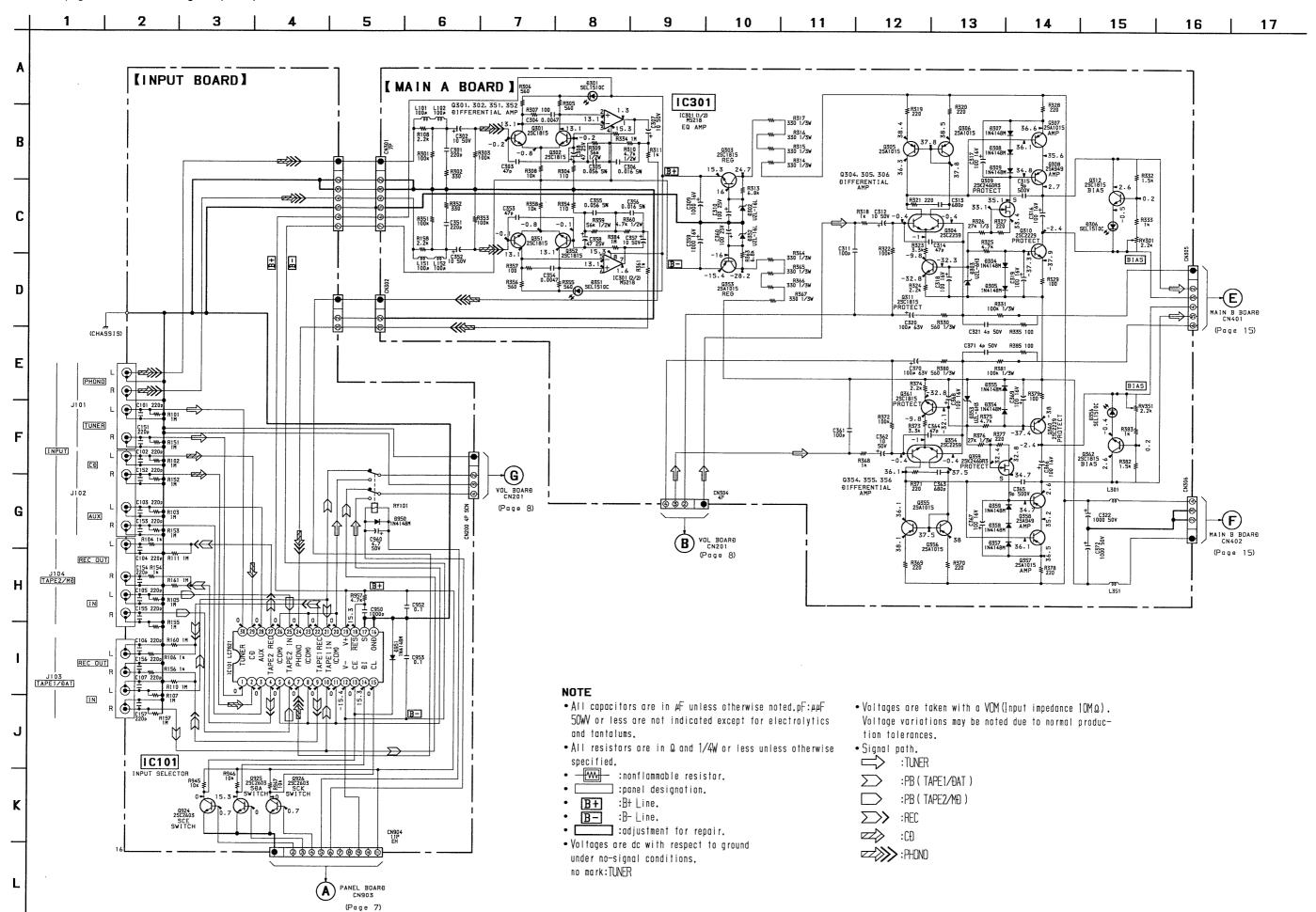
	Location	n
_	Ref. No.	Location
	D600	H-7
	D601	F-10
	D602	F-9
	D603	F-9
	D604	F-8
	D605	F-8
	D606	F-7
	D607	H-10
	D900	F-3
	D901	F-5
	D902	D-3
	D903	D-6
	D904	E-3
	D905	E-3
	D906	C-4
	D907	C-9
	D908	D-8
	D910	C-9
	D911	D-3
	D912	D-3
	D913	D-3
	D914	D-4
	D915	D-2
	D916	D-5
	D919	D-3
	IC900	H-3
	IC901	C-8
	IC902	D-6
	Q900	D-2
	Q901	D-2
	Q902	D-3
	Q903	D-7
	Q904	D-8
	Q905	D-8
	Q906	D-8
	Q907	D-4
	Q908	C-4
	Q909	D-7
	Q910	E-4
	Q911	D-9
	Q920	D-9
	Q921	D-9
	Q922	E-5
	Q923 Q950	E-12 I-12
	Q950 Q951	I-12
		L



3-4. PRINTED WIRING BOARD — PANEL SECTION —

3-5. SCHEMATIC DIAGRAM — MAIN A SECTION —

• See page 15 for IC Block Diagram. (IC101)



Note:

Parts extracted from the component side.
A: Internal component.
Pattern from the side which enable seeing.

• Semiconductor

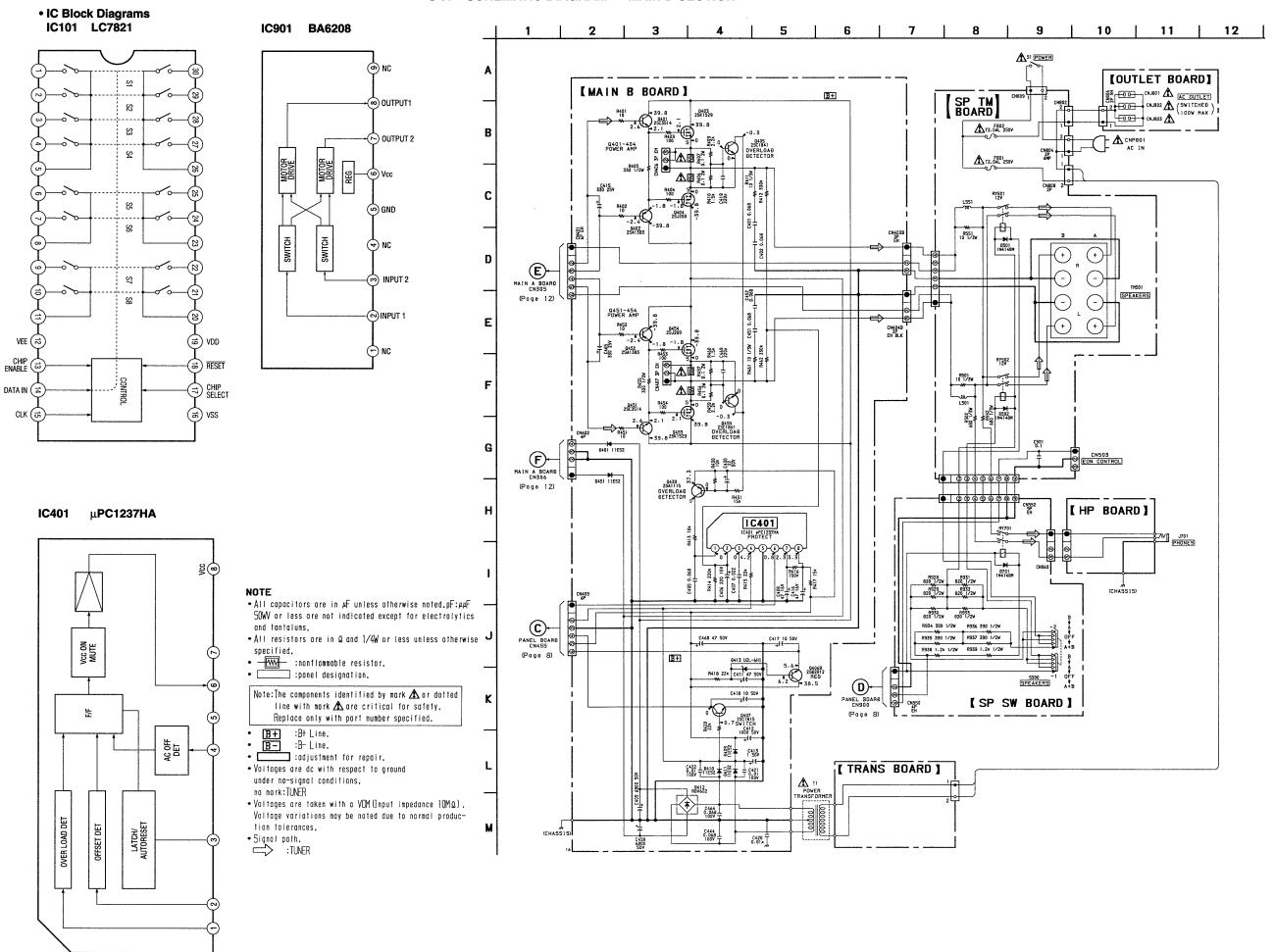
Location	n
Ref. No.	Location
D301	G-8
D302	H-8
D302	G-4
D303	G-4
D305	H-4
D306	I-3
D307	H-2
D308	H-2
D309	H-2
D351	G-8
D352	F-7
D353	G-4
D354	G-4
D355	H-4
D356	I-5
D357	H-6
D358	H-6
D359	H-6
D950	C-5
D951	E-6
10101	0.6
IC101	C-6 G-9
IC301	G-9
Q301	G-9
Q302	G-9
Q303	H-8
Q304	G-2
Q305	G-2
Q306	G-2
Q307	G-3
Q308	G-3
Q309	H-3
Q310	H-4
Q311	G-4
Q312	I-2
Q351	G-9
Q352	G-9
Q353	G-7
Q354	G-6
Q355	G-6
Q356	G-6
Q357	G-5
Q358	G-5 H-5
Q359 Q360	
Q360 Q361	H-4 G-4
Q361 Q362	I-6
Q302 Q924	D-6
Q92 4 Q925	D-0 D-5
O926	D-5 D-5

3-6. PRINTED WIRING BOARD — MAIN A SECTION —

See page 5 for Circuit Boards Location.

	1	2	3	4		5	6	7	8	9	10	11	12
							VOL BOARD						
A		[INPUT BOARD]	1				(Page IO)						
		16174			WHT BLK WHT	a k							
В		RIVO C	R160		4000 CN2	2.89	30 0 14079		C103 C153	⊕ R	AUX —		
	JIO3 TAPE I / DAT	9 c 06 6	C156	5 S	86 66 66 66 66 66 66 66 66 66 66 66 66 6				Ries Ries	.	J102		
	IN R		C157 	JV100	95 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	R95		330	C102 C132	R R	CD _		
C	L.	6,707 C104 10-11-0	#157 JW 02			V101 (\$52	15 15 15 15 15 15 15 15 15 15 15 15 15 1		102 -W	2 1 PR	[INPUT]		
	REC OUT	RIO	A15.	M (# # # # # # # # # # # # # # # # # # #	CN16 9 0	RIOI RIS	L	J101 		
D	JIO4 TAPE 2/MD IN		H155		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	060#	Cost	34076	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		PHONO] —		
		Cios (CISS		C940	\$ 50 mm	8800 8000 1000				►(H) MAIN	N B BOARD age 17)	
	rtt ICHASSIS	3)	ALCO TO STATE OF THE STATE OF T	-	CN904	00000	5,5			1-660-563-			
E	(Page 10) PANEL BOARD A CN903					2			RED				
	CN903 VOL BOARD B CN201 (Page 10)	_	_										
F		(MAIN A BOAF	Y 200 00 00 00 00 00 00 00 00 00 00 00 00	RED	0 % +1/6					(PSI)***	C306 C-1-D	\odot \odot	
		R33) 6		CN300	R368 @ VV @	R380	R385			R310	(0)-(6·0)		RED
		0504 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R330 (9) (312) (313) (6) (1) (1)		(341) (9-1/2/4/19)	C362	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			. (d \ \ b) \ (C308		
G		8323 8323 8321 8321 8321 8329 8309 8309	Jw29	E ⊕ ⊕ ⊕ B ⊕ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥	03&1 R374 D353 R375	R378 E g) (Ø) (Ø) (Ø)	8371 9371		- I - I - I - I - I - I - I - I - I - I	10500 P300 P			
		0305 E 0 0 B 0306 R320	8328 Blo Ca GE C315 Blo Ca GE 0398		€-) H-9 C368	, (€⊞0)	Q356						RED
H		c317 4(g)	\$ @ @ D 0309 P R 527	€ (c3 l9	03555 0-) H C369	Eo () OE S () OF S	C367			#359 #359	0 -16-0 25-5 22-5 22-5 22-5 22-5 22-5 22-5 22	25 25 25 25 25 25 25 25 25 25 25 25 25 2	
		0309 0318 0318 0307	R326 JW28	0310 E/O O B B 329 JW27	R379 Jw26	R376 UV21	9358 9357			R313	(356 (G-11-10)		
		R333	6 - G - G - G - G - G - G - G - G - G -	RV301		C366 P	R383	(32)		R313 R314 R364	R315 R365		
		R3322 B	9306		CN305	1 100 100 100 I	R382 0 B	ENSOR		9 W 8 8 R367 R 8			
	16				99999		A CONTRACTOR OF THE PARTY OF TH	9 9 9		R317 R3	16	!-660-569-	11 (11)
				ē.		→ (E	MAIN B BOARD CN401 (Page 17)		F MAIN B BOARD CN402 (Page 17)				

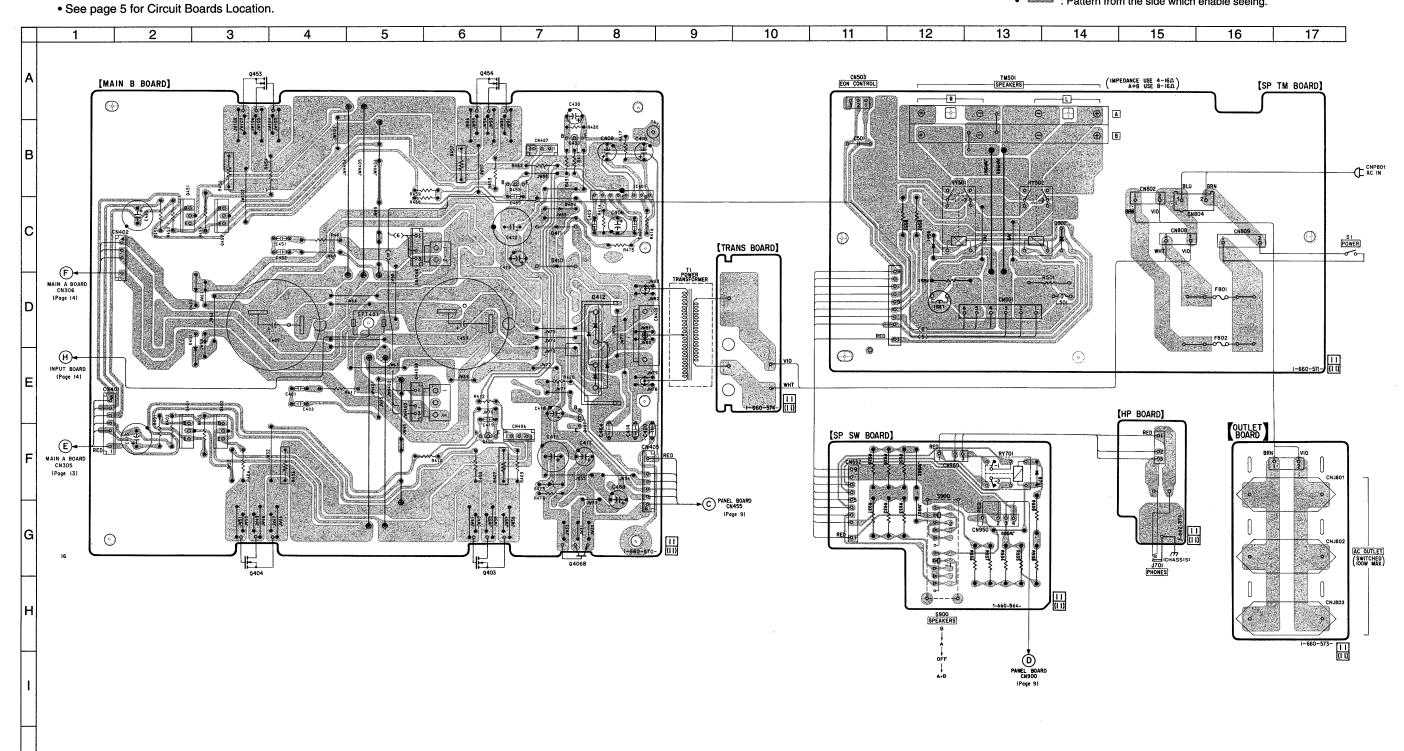
3-7. SCHEMATIC DIAGRAM — MAIN B SECTION —



• • --- : Parts extracted from the component side.

• 🛆 : Internal component.

: Pattern from the side which enable seeing.



Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D401	D-3	Q402	E-3
D409	C-7	Q403	G-6
D410	C-7	Q404	G-3
D411	C-7	Q405	F-6
D412	D-8	Q407	E-8
D413	F-7	Q430	B-7
D451	D-3	Q451	C-2
D501	C-12	Q452	C-3
D502	C-14	Q453	A-3
D701	F-13	Q454	A-6
		Q455	B-7
IC401	B-8	Q406B	G-7
Q401	E-2		

3-7. PRINTED WIRING BOARD — MAIN B SECTION —

SECTION 4 EXPLODED VIEWS

Note:

- · -XX, -X mean standardized parts, so they may have some differences from the original one.
- · Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories and packing materials are given in the last of this parts list.
- Color Indication of Appearrance Parts Example: KNOB, BALANCE (WHITE) . . . (RED)

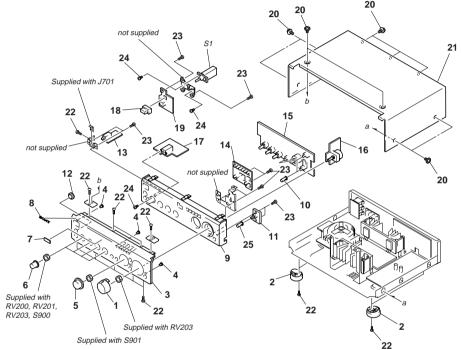
Parts Color Cabinet's Color

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

4-2. CHASSIS SECTION

not supplied not supplied 57 F802 Q403 Q406B Q404 not supplied not supplied not supplied

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	X-4946-920-1	KNOB (VOL) ASSY (VOLUME)		* 14	1-660-562-11	LED BOARD	
2	X-4947-025-1	FOOT ASSY		* 15	A-4389-795-A	PANEL BOARD, COMPLETE	
3	4-980-766-52	PANEL, FRONT		* 16	1-660-565-11	VOL BOARD	
4	4-980-775-01	LENS, LED		* 17	1-660-564-11	SP SW BOARD	
5	4-980-771-01	KNOB (DIA. 47)(INPUT SELECTOR)		18	4-980-199-01	BUTTON (POWER)	
6	4 000 204 01	KNOB (DIA. 24)(TONE,BALANCE,SPEA	NEDC)	* 19	1-660-567-11	PRO IND BOARD	
7			KEKS)	20		SCREW (CASE) (M3X8)	
,		EMBLEM (POWER MOS)				, , ,	
8		EMBLEM (NO.5)(SONY)		* 21	4-989-460-11		
9	X-4946-923-1	PANEL ASSY, BASE		22	4-967-961-01	SCREW (3X8)	
10	4-980-773-01	BUTTON (DIA. 6)		23	4-951-620-01	SCREW (2.6X8), +BVTP	
* 11	1-660-566-11	EON BOARD		24	7-685-872-09	SCREW +BVTT 3X8 (S)	
12	4-980-776-01	WINDOW, REMOTE CONTROL		25	4-980-189-01	KNOB (DIA. 6) (EON LINK)	
* 13	1-662-376-11	HP BOARD		 ∆ S1	1-554-920-11	SWITCH, PUSH (AC POWER)(1 KEY)	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
51	4-967-961-01	SCREW (3X8)		64	3-704-515-41	SCREW (BV/RING)	
52	4-967-960-01	SCREW (4X8)		⚠ CNJ801	1-526-794-11	OUTLET, AC	
* 53	A-4398-035-A	MAIN A BOARD, COMPLETE		⚠ CNJ802	1-526-794-11	OUTLET, AC	
* 54	1-660-563-11	INPUT BOARD		⚠ CNJ803	1-526-794-11	OUTLET, AC	
* 55	1-660-573-11	OUTLET BOARD		⚠ CNP801	1-777-185-11	CORD, POWER	
* 56	4-982-977-32	PANEL, BACK			1-532-388-51	FUSE,TIME LAG 2.0A/250V	
57	3-905-609-11	SCREW (TRANSISTOR)		 Æ F802	1-532-464-51	FUSE,TIME LAG 2.5A/250V	
* 58	A-4398-036-A	MAIN B BOARD, COMPLETE		Q403	8-729-232-45	TRANSISTOR 2SK1529-Y	
59	4-947-010-01	SCREW, FEEDER FIXED		Q404	8-729-232-46	TRANSISTOR 2SJ200-Y	
60	4-981-016-01	SCREW (H)		Q406B	8-729-209-15	TRANSISTOR 2SD2012	
				Q453	8-729-232-45	TRANSISTOR 2SK1529-Y	
* 61	3-703-244-00	BUSHING (2104), CORD					
* 62	1-660-571-11	SP TM BOARD		Q454	8-729-232-46	TRANSISTOR 2SJ200-Y	
* 63	1-660-574-11	TRANS BOARD		 ΔT1	1-429-492-11	TRANSFORMER, POWER	

51 -

57

not supplied

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

CNP801

CNJ801

CNJ802

CNJ803

SECTION 5 ELECTRICAL PARTS LIST







Note:

When indicating parts by reference number, please include the board naame.

The components identified by mark ${\ensuremath{\vartriangle}}$ or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these
- CAPACITORS: $uF{:}\;\mu F$

- RESISTORS All resistors are in ohms. METAL: metal-film resistor METAL OXIDE: Metal Oxide-film resistor F: nonflammable
- COILS $uH\colon \mu H$
- SEMICONDUCTORS In each case, u: μ , for example: uA...: $\mu A...$, uPA... , $\mu PA...$, uPB..., $\mu PB...$, uPC..., $\mu PC...$, $uPD...,\,\mu PD...$

				Γ : μΓ				uPD, μPD.				
Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarl	ks
*	1-660-566-11							< CONNECTOR	₹ >			

						CN16	1-564-320-00	PIN, CONNECT	Tor (B2P-VH)) 2P		
		< CONNECTOR >	>			CN200	1-691-766-11	PLUG (MICRO	CONNECTOR	R) 4P		
						CN904	1-691-773-11	PLUG (MICRO	CONNECTOR	R) 11P		
CN952	1-691-766-11	PLUG (MICRO C	ONNECTOR) 4P						,		
		(,				< DIODE >				
		< DIODE >						(DIODE)				
		< DIODE >				D950	0 710 007 62	DIODE 1N414	101/1			
D001	0 710 212 50	DIODE CEL/01	OA TU10 /F/	ON 1 1 1 1 1 1 1 1 1 1 1 1				DIODE 1N414				
D901	8-719-313-50	DIODE SEL681	UA-THTZ (E	ON LINK)	1	D951	8-719-987-03	DIODE IN414	+OIVI			
		DEGLOTOR						10				
		< RESISTOR >						< IC >				
R901	1-249-397-11	CARBON	22	5%	1/4W F	IC101	8-759-805-13	IC LC7821				
		< SWITCH >						< JACK >				
S902	1-571-112-21	SWITCH, PUSH	(1 KEY) (EO	N LINK)		* J101	1-573-142-11	JACK, PIN 4P	(INPUT TUNE	R.PHONO))	
		******	. , .	,	*****	* J102		JACK, PIN 4P	•		-,	
						* J103		JACK, PIN 4P		,	INI)	
sk	1-662-376-11	LID BOADD				* J103		JACK, PIN 4P	`		. ,	
•	1-002-370-11	******				" J104	1-3/3-142-21	JACK, PIN 4P	(TAPE Z/IVID I	KEC OUT,	III)	
		*****						TDANICIOTO				
								< TRANSISTOR	R >			
		< JACK >										
						Q924		TRANSISTOR				
J701	1-750-735-11	JACK (LARGE T)	/PE)(PHONE	ES)		Q925	8-729-620-05	TRANSISTOR	2SC2603-EF			
						Q926	8-729-620-05	TRANSISTOR	2SC2603-EF			
******	*********	******	*******	*****	*****							
								< RESISTOR >				
*	1-660-563-11	INPUT BOARD										
*	1-660-563-11	INPUT BOARD *******				R101	1-249-995-11			5%	1/4W	
*	1-660-563-11					R101	1-249-995-11	CARBON	1M	5% 5%	1/4W	
*	1-660-563-11	*****				R102	1-249-995-11	CARBON CARBON	1M 1M	5%	1/4W	
*	1-660-563-11					R102 R103	1-249-995-11 1-249-995-11	CARBON CARBON CARBON	1M 1M 1M	5% 5%	1/4W 1/4W	
*		************** < CAPACITOR >	00005	100/	FOU	R102 R103 R104	1-249-995-11 1-249-995-11 1-249-923-11	CARBON CARBON CARBON CARBON	1M 1M 1M 1K	5% 5% 5%	1/4W 1/4W 1/4W	
* C101	1-162-286-31	********* < CAPACITOR > CERAMIC	220PF	10%	50V	R102 R103	1-249-995-11 1-249-995-11	CARBON CARBON CARBON CARBON	1M 1M 1M	5% 5%	1/4W 1/4W	
C102	1-162-286-31 1-162-286-31	******* < CAPACITOR > CERAMIC CERAMIC	220PF	10%	50V	R102 R103 R104 R105	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11	CARBON CARBON CARBON CARBON CARBON	1M 1M 1M 1K 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
C102 C103	1-162-286-31 1-162-286-31 1-162-286-31	******* < CAPACITOR > CERAMIC CERAMIC CERAMIC	220PF 220PF	10% 10%	50V 50V	R102 R103 R104 R105	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11	CARBON CARBON CARBON CARBON CARBON	1M 1M 1M 1K 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
C102	1-162-286-31 1-162-286-31	******* < CAPACITOR > CERAMIC CERAMIC CERAMIC	220PF	10%	50V	R102 R103 R104 R105	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11	CARBON CARBON CARBON CARBON CARBON	1M 1M 1M 1K 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
C102 C103	1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	220PF 220PF	10% 10%	50V 50V	R102 R103 R104 R105	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	1M 1M 1M 1K 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
C102 C103 C104	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	220PF 220PF 220PF	10% 10% 10%	50V 50V 50V	R102 R103 R104 R105 R106 R107	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11 1-249-923-11 1-249-995-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON	1M 1M 1M 1K 1M 1M	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	220PF 220PF 220PF	10% 10% 10%	50V 50V 50V	R102 R103 R104 R105 R106 R107 R110	1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M	5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10%	50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10%	50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-923-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1K 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	********* < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	********* < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1K 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	********* < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-923-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157 C950	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-294-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 0.001uF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161 R945	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1K 1M 1M 1K 1M 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157 C950	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-294-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 0.001uF 0.1uF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161 R945	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-923-11 1-249-995-11 1-249-95-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-429-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1K 1M 1K 1M 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157 C950	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-294-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 0.001uF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161 R945 R946	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-923-11 1-249-923-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-429-11 1-249-429-11	CARBON	1M 1M 1M 1K 1M 1K 1M 1M 1M 1M 1M 1M 1M 1K 1M 1K 1M 1K 1M 1K 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157 C950	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-294-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 0.001uF 0.1uF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161 R945	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-429-11	CARBON	1M 1M 1M 1K 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1M 1K 1M 1K 1M 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F
C102 C103 C104 C105 C106 C107 C151 C152 C153 C154 C155 C156 C157 C950	1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-286-31 1-162-294-31	******** < CAPACITOR > CERAMIC	220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 220PF 0.001uF 0.1uF	10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R102 R103 R104 R105 R106 R107 R110 R111 R151 R152 R153 R154 R155 R156 R157 R160 R161 R945 R946	1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-995-11 1-249-923-11 1-249-923-11 1-249-923-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-95-11 1-249-429-11 1-249-429-11	CARBON	1M 1M 1M 1K 1M 1K 1M 1M 1M 1M 1M 1M 1M 1K 1M 1K 1M 1K 1M 1K 1M	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	F

RY101 1-515-614-11 RELAY *****************

LED MAIN A

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
*	1-660-562-11	LED BOARD				C359	1-126-013-11		1000uF	20%	16V
		******				C360	1-126-023-11		100uF	20%	25V
		< JACK >				C361 C362	1-102-973-00 1-124-721-11		100PF 10uF	5% 20%	50V 50V
CNLIOOD	1 7// 70/ 11		ADD TO DO	ADD 12D		C363	1-164-083-11		680PF	10%	50V
CNJ902	1-/66-/96-11	CONNECTOR, BO	ARD TO BO	ARD 12P		C364	1-164-062-11		47PF	5%	50V
		< DIODE >				C365	1-107-589-91		9PF 100uF	0.5PF 20%	500V
D600	8-719-313-50	DIODE SEL6810	Δ-TH12 (SC	DURCE DI	RFCT)	C366 C367	1-126-023-11 1-126-023-11		100uF 100uF	20%	16V 16V
D601		DIODE SEL6810	•			C368	1-126-023-11		100uF	20%	16V
D602		DIODE SEL6810									
D603		DIODE SEL6810				C369	1-126-023-11		100uF	20%	16V
D604	8-719-313-50	DIODE SEL6810	A-TH12 (CE	0)		C370	1-110-393-11		100uF	20%	63V
D605	8-710-313-50	DIODE SEL6810	Δ_TH12 (TI	INIED)		C371 C372	1-164-040-11 1-126-056-11		4PF 1000uF	0.25PF 20%	50V 50V
D606		DIODE SEL6810	•	,		0372	1-120-030-11	LLLOT	Toodui	2070	30 V
D607		DIODE SEL6810			NITOR)			< CONNECTOR >			
		< RESISTOR >				CN301		PLUG (MICRO CO			
B00/		0.1.00.01		=0.	4 (0) 4 (CN302	1-691-765-11	PLUG (MICRO CO	ONNECTOR)	3P	
R926	1-247-751-11		820	5%	1/2W			, DIODE S			
R940	1-249-414-11	CARBON	560	5%	1/4W F			< DIODE >			
		< SWITCH >				D301	8-719-310-61	DIODE SEL1510	IC-D		
						D302		DIODE HZS16-2			
S203		SWITCH, TACTIL	`	,		D303		DIODE HZS6C31			
*****	****	*****	****	r~~~~~	****	D304 D305		DIODE 1N4148N DIODE 1N4148N			
*	A-4398-035-A	MAIN A BOARD,	COMPLETE			D303	0-717-707-03	DIODE INTIGO	VI		
		******				D306	8-719-310-61	DIODE SEL1510	IC-D		
						D307		DIODE 1N4148N			
		< CAPACITOR >				D308		DIODE 1N4148N			
C301	1-102-978-00	CEDAMIC	220PF	5%	50V	D309 D351		DIODE 1N4148N DIODE SEL1510			
C302	1-126-059-11		10uF	20%	50V	D331	0-717-310-01	DIODE SELISIO	IC-D		
C303	1-164-062-11		47PF	5%	50V	D352	8-719-933-88	DIODE HZS16-2	L		
C304	1-106-359-00		4700PF	5%	200V	D353		DIODE HZS6C31			
C305	1-136-162-00	FILM	0.056uF	5%	50V	D354 D355		DIODE 1N4148N			
C306	1-137-471-11	FII M	0.016uF	5%	50V	D355		DIODE 1N4148N DIODE SEL1510			
C307	1-126-059-11		10uF	20%	50V	D330	0 717 310 01	DIODE SELIGIO	ЮВ		
C308	1-126-022-11		47uF	20%	25V	D357	8-719-987-63	DIODE 1N4148N	Л		
C309	1-126-013-11		1000uF	20%	16V	D358		DIODE 1N4148N			
C310	1-126-023-11	ELECT	100uF	20%	25V	D359	8-719-987-63	DIODE 1N4148N	Л		
C311	1-102-973-00	CERAMIC	100PF	5%	50V			< TERMINAL >			
C312	1-124-721-11		10uF	20%	50V						
C313	1-164-083-11		680PF	10%	50V	* EPT401	4-924-264-21	TERMINAL, MOU	NT		
C314 C315	1-164-062-11 1-107-589-91		47PF 9PF	5% 0.5PF	50V 500V			< IC >			
0010			,,,	0.011	0001						
C316	1-126-023-11		100uF	20%	16V	IC301	8-759-636-74	IC M5218AP-22			
C317 C318	1-126-023-11 1-126-023-11		100uF 100uF	20% 20%	16V 16V			< COIL >			
C319	1-126-023-11		100uF 100uF	20%	16V 16V			< COIL >			
C320	1-110-393-11		100uF	20%	63V	L101	1-410-977-11	INDUCTOR 1	00uH		
						L102	1-410-977-11	INDUCTOR 1	00uH		
C321	1-164-040-11		4PF	0.25PF		L151	1-410-977-11		00uH		
C322	1-126-056-11		1000uF	20%	50V	L152	1-410-977-11		00uH		
C351 C352	1-102-978-00 1-126-059-11		220PF 10uF	5% 20%	50V 50V	L301	1-420-203-11	COIL, AIR-CORE			
C353	1-164-062-11		47PF	5%	50V	L351	1-428-203-11	COIL, AIR-CORE			
C354	1-106-359-00	MVI AR	4700PF	5%	200V			< TRANSISTOR >			
C355	1-136-162-00		0.056uF	5%	50V						
C356	1-137-471-11		0.016uF	5%	50V	Q301		TRANSISTOR 25			
C357	1-126-059-11		10uF	20%	50V	Q302		TRANSISTOR 25			
C358	1-126-022-11	ELECT	47uF	20%	25V	Q303		TRANSISTOR 25			
						Q304 Q305		TRANSISTOR 25			
						, 2500	, _01 00				

MAIN A

MAIN B

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
Q306	8-729-201-53	TRANSISTOR	2SA1015-G	R		R355	1-259-161-21	CARBON	560	5%	1/4W
Q307	8-729-201-53	TRANSISTOR	2SA1015-G	R		R356	1-259-161-21	CARBON	560	5%	1/4W
Q308		TRANSISTOR				R357	1-259-143-21		100	5%	1/4W
Q309		TRANSISTOR				R358	1-259-191-21		10K	5%	1/4W
Q310	8-729-021-73	TRANSISTOR	2SC2229-0	Y-TPE6		R359	1-249-844-11	CARBON	56K	1%	1/2W
Q311	8-729-281-54	TRANSISTOR	2SC1815-B	L		R360	1-259-320-11	CARBON	4.7K	1%	1/2W
Q312		TRANSISTOR				R361	1-259-167-21		1K	5%	1/4W
Q351		TRANSISTOR				R363	1-249-943-11		6.8K	5%	1/4W
Q352		TRANSISTOR				R364	1-249-198-11		330	5%	1/3W
Q353		TRANSISTOR				R365	1-249-198-11		330	5%	1/3W
0254	0.700 /00 17	TDANICICTOD	2002250 50	_		D2//	1 240 100 11	CADDON	220	F0/	1/2///
Q354		TRANSISTOR				R366	1-249-198-11		330	5%	1/3W
Q355		TRANSISTOR				R367	1-249-198-11		330	5%	1/3W
Q356		TRANSISTOR				R368	1-259-167-21		1K	5%	1/4W
Q357		TRANSISTOR				R369	1-259-151-21		220	5%	1/4W
Q358	8-729-021-74	TRANSISTOR	2SA949-UY	-TPE6		R370	1-259-151-21	CARBON	220	5%	1/4W
Q359	8-729-202-67	TRANSISTOR	2SK246-GR	!3		R371	1-259-151-21		220	5%	1/4W
Q360	8-729-021-73	TRANSISTOR	2SC2229-0	Y-TPE6		R372	1-259-215-21	CARBON	100K	5%	1/4W
Q361	8-729-281-54	TRANSISTOR	2SC1815-B	L		R373	1-259-179-21	CARBON	3.3K	5%	1/4W
Q362	8-729-281-54	TRANSISTOR	2SC1815-B	L		R374	1-259-175-11	CARBON	2.2K	5%	1/4W
						R375	1-259-183-11	CARBON	4.7K	5%	1/4W
		< RESISTOR >									
		0.000000			41000	R376	1-249-490-11		27K	5%	1/3W
R108	1-259-436-11	CARBON	2.2K	5%	1/6W	R377	1-259-151-21		220	5%	1/4W
R158		CARBON	2.2K	5%	1/6W	R378	1-259-151-21		220	5%	1/4W
R301	1-259-215-21		100K	5%	1/4W	R379	1-249-899-11		100	5%	1/4W F
R302	1-249-911-11		330	5%	1/4W	R380	1-247-749-11	CARBON	560	5%	1/2W F
R303	1-259-215-21	CARBON	100K	5%	1/4W	D201	1 240 407 11	CADDON	1001/	F0/	1/2///
D204	1 240 000 11	CADDON	110	10/	1/4\4/	R381	1-249-496-11		100K	5%	1/3W
R304	1-249-900-11	CARBON	110	1%	1/4W	R382	1-259-171-21	CARBON	1.5K	5%	1/4W
R305		CARBON	560	5%	1/4W	R383	1-259-167-21		1K	5%	1/4W
R306	1-259-161-21		560	5%	1/4W	R384	1-259-239-11		1M	5%	1/4W
R307	1-259-143-21		100	5%	1/4W	R385	1-259-143-21	CARBON	100	5%	1/4W
R308	1-259-191-21	CARBON	10K	5%	1/4W						
				370	1/4 VV			∠ VΔRIΔRI E RES	AUTSIS		
	1-249-844-11	CARBON						< VARIABLE RES	SISTOR >		
R309	1-249-844-11 1-259-320-11	CARBON	56K	1%	1/2W	RV301	1-241-762-11				
R309 R310	1-259-320-11	CARBON	56K 4.7K	1% 1%	1/2W 1/2W	RV301	1-241-762-11 1-241-762-11	RES, ADJ, CARE	3ON 2.2K		
R309 R310 R311	1-259-320-11 1-259-167-21	CARBON CARBON	56K 4.7K 1K	1% 1% 5%	1/2W 1/2W 1/4W	RV351	1-241-762-11		3ON 2.2K 3ON 2.2K	*****	*****
R309 R310 R311 R313	1-259-320-11 1-259-167-21 1-249-943-11	CARBON CARBON CARBON	56K 4.7K 1K 6.8K	1% 1% 5% 5%	1/2W 1/2W 1/4W 1/4W	RV351	1-241-762-11	RES, ADJ, CARE RES, ADJ, CARE	3ON 2.2K 3ON 2.2K	*****	*****
R309 R310 R311	1-259-320-11 1-259-167-21	CARBON CARBON CARBON	56K 4.7K 1K	1% 1% 5%	1/2W 1/2W 1/4W	RV351	1-241-762-11 *******	RES, ADJ, CARE RES, ADJ, CARE	3ON 2.2K 3ON 2.2K ******		*****
R309 R310 R311 R313 R314	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11	CARBON CARBON CARBON CARBON	56K 4.7K 1K 6.8K 330	1% 1% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W	RV351 ******	1-241-762-11 *******	RES, ADJ, CARE RES, ADJ, CARE	30N 2.2K 30N 2.2K ***********************************		*****
R309 R310 R311 R313 R314	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11	CARBON CARBON CARBON CARBON	56K 4.7K 1K 6.8K 330	1% 1% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W	RV351 ******	1-241-762-11 *******	RES, ADJ, CARE RES, ADJ, CARE ************************************	30N 2.2K 30N 2.2K ***********************************		****
R309 R310 R311 R313 R314 R315 R316	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11	CARBON CARBON CARBON CARBON CARBON CARBON	56K 4.7K 1K 6.8K 330 330	1% 1% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W	RV351 ******	1-241-762-11 *******	RES, ADJ, CARE RES, ADJ, CARE ************************************	30N 2.2K 30N 2.2K ***********************************		****
R309 R310 R311 R313 R314 R315 R316 R317	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	56K 4.7K 1K 6.8K 330 330 330 330	1% 1% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W	RV351 ******	1-241-762-11 *******	RES, ADJ, CARE RES, ADJ, CARE ************************************	30N 2.2K 30N 2.2K ***********************************		****
R309 R310 R311 R313 R314 R315 R316 R317 R318	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K	1% 1% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W	RV351 *******	1-241-762-11 ***********************************	RES, ADJ, CARE RES, ADJ, CARE ********** MAIN B BOARD, ******** < CAPACITOR >	30N 2.2K 30N 2.2K ********* COMPLETE *******		
R309 R310 R311 R313 R314 R315 R316 R317	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 330	1% 1% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W	RV351 ************************************	1-241-762-11 ***********************************	RES, ADJ, CARE RES, ADJ, CARE ********** MAIN B BOARD, ******** < CAPACITOR > FILM	30N 2.2K 30N 2.2K ***********************************	5%	50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220	1% 1% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W	RV351 ********* * C401 C402	1-241-762-11 ***********************************	RES, ADJ, CARE RES, ADJ, CARE ********** MAIN B BOARD, ******** < CAPACITOR > FILM FILM	30N 2.2K 30N 2.2K ***********************************	5% 5%	50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220	1% 1% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W	RV351 ******* * C401 C402 C405	1-241-762-11 ****** A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00	RES, ADJ, CARE RES, ADJ, CARE ********** MAIN B BOARD, ******** < CAPACITOR > FILM FILM FILM FILM	30N 2.2K 30N 2.2K ***********************************	5% 5% 5%	50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W	RV351 ******* * C401 C402 C405 C406	1-241-762-11 ****** A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-01 1-126-923-11	RES, ADJ, CARE RES, ADJ, CARE *********** MAIN B BOARD, ********* < CAPACITOR > FILM FILM FILM FILM ELECT	30N 2.2K 30N 2.2K ***********************************	5% 5% 5% 20%	50V 50V 50V 10V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-215-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W	RV351 ******* * C401 C402 C405	1-241-762-11 ****** A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00	RES, ADJ, CARE RES, ADJ, CARE *********** MAIN B BOARD, ********* < CAPACITOR > FILM FILM FILM FILM ELECT	30N 2.2K 30N 2.2K ***********************************	5% 5% 5%	50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-215-21 1-259-179-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K 3.3K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W	RV351 ******* * C401 C402 C405 C406 C407	1-241-762-11 ******* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00	RES, ADJ, CARE RES, ADJ, CARE *********** MAIN B BOARD, ******** < CAPACITOR > FILM FILM FILM FILM ELECT FILM	30N 2.2K 30N 2.2K ***********************************	5% 5% 5% 20% 5%	50V 50V 50V 10V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-215-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W	RV351 ******* * C401 C402 C405 C406 C407 C408	1-241-762-11 ******* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11	RES, ADJ, CARE RES, ADJ, CARE *********** MAIN B BOARD, ********* < CAPACITOR > FILM FILM FILM FILM ELECT FILM ELECT	30N 2.2K 30N 2.2K ***********************************	5% 5% 5% 20% 5%	50V 50V 50V 10V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-215-21 1-259-179-21 1-259-175-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K 3.3K 2.2K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	RV351 ******* * C401 C402 C405 C406 C407 C408 C409	1-241-762-11 ******* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11	RES, ADJ, CARE RES, ADJ, CARE ************** MAIN B BOARD, ********** < CAPACITOR > FILM FILM FILM FILM ELECT FILM ELECT ELECT ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20%	50V 50V 50V 10V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-179-21 1-259-175-11 1-259-183-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K 3.3K 2.2K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411	1-241-762-11 ******* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11 1-126-967-11	RES, ADJ, CARE RES, ADJ, CARE ************ MAIN B BOARD, ********** < CAPACITOR > FILM FILM FILM FILM ELECT FILM ELECT ELECT ELECT ELECT ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20%	50V 50V 50V 10V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11 1-126-967-11 1-126-972-11	RES, ADJ, CARE RES, ADJ, CARE ************* MAIN B BOARD, ********** < CAPACITOR > FILM FILM FILM FILM ELECT FILM ELECT ELECT ELECT ELECT ELECT ELECT ELECT	0.068uF 0.068uF 0.068uF 0.068uF 0.068uF 0.022uF 47uF 6800uF 47uF 1000uF	5% 5% 5% 20% 5% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411	1-241-762-11 ******* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11 1-126-967-11	RES, ADJ, CARE RES, ADJ, CARE ************* MAIN B BOARD, ********** < CAPACITOR > FILM FILM FILM FILM ELECT FILM ELECT ELECT ELECT ELECT ELECT ELECT ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20%	50V 50V 50V 10V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 220	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11 1-126-967-11 1-126-960-11	RES, ADJ, CARE RES, ADJ, CARE ************* MAIN B BOARD, ********** < CAPACITOR > FILM FILM FILM ELECT FILM ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* * C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-117-779-11 1-126-967-11 1-126-960-11 1-126-960-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE ************** MAIN B BOARD, *********** < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	30N 2.2K 30N 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 220 220 100	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-960-11 1-126-967-11 1-126-967-11 1-126-967-11	RES, ADJ, CARE RES, ADJ, CARE ************** MAIN B BOARD, *********** < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	30N 2.2K 30N 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-259-151-21 1-249-899-11 1-247-749-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 220 100	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-964-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE **************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	30N 2.2K 30N 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-490-11 1-249-899-11 1-249-899-11 1-249-496-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 220 100	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-967-11 1-126-964-11 1-126-964-11 1-126-964-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-490-11 1-259-151-21 1-249-490-11 1-249-496-11 1-249-496-11 1-259-171-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 22N 220 100 560 100K 1.5K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-967-11 1-126-964-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	30N 2.2K 30N 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R332 R333	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-249-496-11 1-259-171-21 1-259-167-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 220 220 100 560 100K 1.5K 1K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419	1-241-762-11 ************ A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-960-11 1-126-964-11 1-126-964-11 1-126-964-11 1-164-077-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 20% 20%	50V 50V 50V 10V 50V 50V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-490-11 1-259-151-21 1-249-490-11 1-249-496-11 1-249-496-11 1-259-171-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 22N 220 100 560 100K 1.5K	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-1126-967-11 1-126-967-11 1-126-960-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-126-961-11 1-136-153-00	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 5%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R331 R332 R333 R334	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-179-21 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-899-11 1-247-749-11 1-249-496-11 1-259-171-21 1-259-171-21 1-259-171-21 1-259-171-21 1-259-171-21 1-259-171-21 1-259-239-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 100 560 100K 1.5K 1K 1M	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-961-11 1-126-964-11 1-126-964-11 1-126-964-11 1-136-153-00 1-137-150-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	ON 2.2K SON 2.2K ***********************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 5%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R331 R332 R331 R332 R333 R334	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-21 1-259-175-11 1-259-175-11 1-259-151-21 1-259-151-21 1-259-151-21 1-259-151-21 1-249-899-11 1-247-749-11 1-249-496-11 1-259-171-21 1-259-167-21 1-259-239-11 1-259-239-11	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 100 560 100K 1.5K 1K 1M	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421 C422	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-964-11 1-126-964-11 1-164-077-11 1-136-153-00 1-137-150-11 1-137-150-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE *************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 5% 5%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R333 R334	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-175-11 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-259-151-21 1-249-899-11 1-247-749-11 1-249-496-11 1-259-171-21 1-259-167-21 1-259-239-11 1-259-125-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 220 220 100 560 100K 1.5K 1K 1M	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421 C422 C430	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-967-11 1-126-964-11 1-126-964-11 1-164-077-11 1-136-153-00 1-137-150-11 1-137-150-11 1-126-965-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE **************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 5% 20% 20% 20% 20% 20% 20% 5% 5% 5% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R333 R334 R335 R335 R351 R352	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-21 1-259-175-11 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-899-11 1-249-899-11 1-249-496-11 1-259-171-21 1-259-167-21 1-259-239-11 1-259-13-21 1-259-13-21 1-259-151-21 1-259-167-21 1-259-167-21 1-259-167-21 1-259-151-21 1-259-167-21 1-259-167-21 1-259-167-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 100 560 100K 1.5K 1K 1M 100 100K 330	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421 C422	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-960-11 1-126-964-11 1-126-964-11 1-164-077-11 1-136-153-00 1-137-150-11 1-137-150-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE **************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 20% 5% 20% 20% 20% 20% 20% 20% 5% 5%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R333 R334 R335 R331 R335 R351 R352 R353	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-11 1-259-175-11 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-259-151-21 1-249-899-11 1-247-749-11 1-249-496-11 1-259-171-21 1-259-171-21 1-259-171-21 1-259-171-21 1-259-239-11 1-259-215-21 1-249-911-11 1-259-215-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 100 560 100K 1.5K 1K 1M	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421 C422 C430	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-967-11 1-126-964-11 1-126-964-11 1-164-077-11 1-136-153-00 1-137-150-11 1-137-150-11 1-126-965-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE **************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 5% 20% 20% 20% 20% 20% 20% 5% 5% 5% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V 50V 50V
R309 R310 R311 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R333 R334 R335 R335 R351 R352	1-259-320-11 1-259-167-21 1-249-943-11 1-249-198-11 1-249-198-11 1-249-198-11 1-259-167-21 1-259-151-21 1-259-151-21 1-259-151-21 1-259-175-21 1-259-175-11 1-259-175-11 1-259-183-11 1-249-490-11 1-259-151-21 1-259-151-21 1-249-899-11 1-249-899-11 1-249-496-11 1-259-171-21 1-259-167-21 1-259-239-11 1-259-13-21 1-259-13-21 1-259-151-21 1-259-167-21 1-259-167-21 1-259-167-21 1-259-151-21 1-259-167-21 1-259-167-21 1-259-167-21 1-259-151-21	CARBON	56K 4.7K 1K 6.8K 330 330 330 330 1K 220 220 100K 3.3K 2.2K 4.7K 27K 220 100 560 100K 1.5K 1K 1M 100 100K 330	1% 1% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/4W 1/3W 1/3W 1/3W 1/3W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4	RV351 ******* C401 C402 C405 C406 C407 C408 C409 C411 C412 C413 C415 C416 C417 C418 C419 C420 C421 C422 C430	1-241-762-11 ************* A-4398-036-A 1-136-163-00 1-136-163-00 1-136-163-00 1-126-923-11 1-136-157-00 1-126-967-11 1-126-967-11 1-126-967-11 1-126-964-11 1-126-964-11 1-164-077-11 1-136-153-00 1-137-150-11 1-137-150-11 1-126-965-11	RES, ADJ, CARE RES, ADJ, CARE RES, ADJ, CARE **************** MAIN B BOARD, ************ < CAPACITOR > FILM FILM ELECT FILM ELECT	ON 2.2K ON 2.2K ************************************	5% 5% 5% 5% 20% 20% 20% 20% 20% 20% 5% 5% 5% 20%	50V 50V 50V 10V 50V 16V 50V 50V 50V 50V 50V 50V 50V 50V 50V

MAIN	I B OU	TLET	PANEL									
Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remar	rks
C451	1-136-163-00	EILM	0.068uF	5%	50V	R412	1-259-488-11	CARBON	330K	5%	1/6W	
C451	1-136-163-00		0.068uF	5%	50V 50V	R412	1-259-452-11	CARBON	10K	5%	1/6W	
C452	1-130-103-00		6800uF	20%	50V 50V	R413	1-259-484-11		220K	5%	1/6W	
C459	1-137-398-11		0.068uF	5%	100V	R414	1-259-460-11		22K	5%	1/6W	
C465	1-126-025-11		330uF	20%	25V	R416	1-259-480-11		150K	5%	1/6W	
C440	1 10/ 0/7 11	FLECT	47	200/	EOV/	D/17	1 250 454 11	CADDON	1EV	E0/	1//\/	
C468 C469	1-126-967-11 1-164-077-11		47uF 220PF	20% 10%	50V 50V	R417 R418	1-259-456-11 1-259-460-11		15K 22K	5% 5%	1/6W 1/6W	
0407	1-104-077-11	CLIVAIVIIC	22011	1070	30 V	R420	1-259-460-11		22K 22K	5%	1/6W	
		< CONNECTOR	R >			R430	1-259-452-11		10K	5%	1/6W	
						R431	1-259-456-11		15K	5%	1/6W	
CN401		PLUG (MICRO		,		DAE1	1 240 202 11	CADDON	10	E0/	1/4/4/	_
CN402		PLUG (MICRO		,		R451	1-249-393-11		10	5%	1/4W	
CN405		PLUG (MICRO PLUG, CONNE		R) 6P		R452	1-249-393-11 1-249-405-11		10	5% 5%	1/4W 1/4W	
CN406 CN407		PLUG, CONNE				R453 R454	1-249-405-11		100 100	5% 5%	1/4W	
CN407	1-304-300-11	PLUG, CONNE	CTUR 3P			R454 R455	1-249-405-11		330	5% 5%	1/4W	
CN403B	1-691-765-21	PLUG (MICRO) CONNECTOR	R) 3P		K400	1-247-740-11	CARDON	330	370	1/ZVV	Г
	1-691-765-11					 ⚠ R456	1-208-601-11	WIREWOUN	0.1	10%	2W	F
						 ⚠ R457	1-208-601-11	WIREWOUND	0.1	10%	2W	F
		< DIODE >				R459	1-259-436-11	CARBON	2.2K	5%	1/6W	
						R460	1-259-432-11		1.5K	5%	1/6W	
D401 D409	8-719-024-99	DIODE 11ES				R461	1-249-162-11	CARBON	10	5%	1/3W	
D409		DIODE 11ES				R462	1-259-488-11	CARBON	330K	5%	1/6W	
D411		DIODE 11ES						******				c ajc
D412	8-719-302-38	DIODE RBV-	602-01									
D 440	0.740.000.00	DIODE 1170/	041			*	1-660-573-11	OUTLET BOARD				
D413 D451		DIODE HZS6						****				
<i>D</i> 101	0 717 021 77	DIODE TIES	2 1417.25					< JACK >				
		< TERMINAL >	>				4 507 507 44	0.1.71.57.40				
* EDT/01	4-924-264-21	TEDMINIAL M	IOLINT				1-526-794-11 1-526-794-11	·				
LI 1401	4-724-204-21	I LIXIVIIIVAL, IVI	IOONT			1	1-526-794-11	,				
		< IC >				*******	*********	******	*****	******	*****	c a)c
IC401	0 750 111 60	IC uPC1237F	1V			*	Λ 1380 705 Λ	PANEL BOARD, (OMDI ETE			
10401	0-739-111-00	ic urcizs/i	IA			'	H-4307-173-A	*******				
		< TRANSISTO	R >									
Q401	0 720 104 10	TRANSISTOR	2502514					< CAPACITOR >				
Q401 Q402		TRANSISTOR				C200	1-130-475-00	MYLAR	0.0022uF	5%	50V	
Q403		TRANSISTOR				C201	1-136-153-00		0.002Edi	5%	50V	
Q404		TRANSISTOR				C202		FILM	0.015uF	5%	50V	
Q405		TRANSISTOR		AFAEA		C203	1-136-165-00		0.1uF	5%	50V	
						C208	1-130-471-00	MYLAR	0.001uF	5%	50V	
Q406B		TRANSISTOR								=0.	= 0.1	
Q407		TRANSISTOR				C209	1-136-171-00		0.33uF	5%	50V	
Q430		TRANSISTOR TRANSISTOR		FE		C210	1-136-165-00		0.1uF	5%	50V	
Q451 Q452		TRANSISTOR				C250 C251	1-130-475-00 1-136-153-00		0.0022uF 0.01uF	5% 5%	50V 50V	
Q43Z	0-729-104-91	INANSISTOR	Z3A1303			C251	1-136-155-00		0.01ui 0.015uF	5%	50V	
Q453		TRANSISTOR										
Q454		TRANSISTOR				C253	1-136-165-00		0.1uF	5%	50V	
Q455	8-729-140-84	TRANSISTOR	2SC1841-P/	AFAEA		C258	1-130-471-00		0.001uF	5%	50V	
		< RESISTOR >				C259 C260	1-136-171-00 1-136-165-00		0.33uF 0.1uF	5% 5%	50V 50V	
		· NEJIJIUK >	-			C200	1-136-163-00		10uF	20%	50V	
R401	1-249-393-11		10	5%	1/4W F							
R402	1-249-393-11		10	5%	1/4W F	C901	1-126-916-11		1000uF	20%	6.3V	
R403	1-249-405-11		100	5%	1/4W F	C902	1-164-159-11		0.1uF		50V	
R404	1-249-405-11		100	5%	1/4W F	C903	1-162-294-31		0.001uF	10%	50V	
R405	1-247-745-11	CARBON	330	5%	1/2W F	C906 C907	1-126-964-11 1-126-964-11		10uF 10uF	20% 20%	50V 50V	
 ≜ R406	1-208-601-11	WIREWOUND	0.1	10%	2W F	C907	1-120-704-11	LLLUI	ιυμΓ	20%	507	
 A R407		WIREWOUND		10%	2W F							
R409	1-259-436-11		2.2K	5%	1/6W							
R410	1-259-432-11	CARRON	1 5K	5%	1/6\//	1						

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

R410

R411

1-259-432-11 CARBON

1-249-162-11 CARBON

1.5K

10

5%

5%

1/6W

1/3W

PANEL

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
C908	1-126-963-11	FLECT	4.7uF	20%	50V			< RESISTOR >			
C909	1-128-551-11		22uF	20%	63V						
C910	1-126-933-11	ELECT	100uF	20%	10V	R200	1-259-500-11	CARBON	1M	5%	1/6W
C912	1-126-964-11	ELECT	10uF	20%	50V	R201	1-259-446-11		5.6K	5%	1/6W
C961	1-162-306-11	CERAMIC	0.01uF	20%	16V	R202	1-259-446-11		5.6K	5%	1/6W
2212		0554440			4.0.4	R203	1-259-436-11		2.2K	5%	1/6W
C962	1-162-306-11		0.01uF	20%	16V	R204	1-259-464-11	CARBON	33K	5%	1/6W
C963	1-162-306-11	CERAMIC	0.01uF	20%	16V	DOOF	1 250 44/ 11	CARBON	F / I/	F0/	1//\\/
		< CONNECTOR >				R205 R206	1-259-446-11 1-259-500-11		5.6K 1M	5% 5%	1/6W 1/6W
		< CONNECTOR >				R207	1-259-456-11		15K	5%	1/6W
CN455	1-691-768-11	PLUG (MICRO CO	ONNECTOR) 6P		R208	1-259-456-11		15K	5%	1/6W
CN900		PLUG (MICRO CO		,		R209	1-259-500-11		1M	5%	1/6W
CN901		PLUG (MICRO CO									
CN902	1-691-766-11	PLUG (MICRO CO	ONNECTOR) 4P		R210	1-259-500-11	CARBON	1M	5%	1/6W
* CN903	1-564-527-11	PLUG, CONNECT	OR 12P			R220	1-259-464-11	CARBON	33K	5%	1/6W
						R250	1-259-500-11		1M	5%	1/6W
	1-568-318-21					R251	1-259-446-11	CARBON	5.6K	5%	1/6W
		PLUG, CONNECT				R252	1-259-446-11	CARBON	5.6K	5%	1/6W
CNP902	1-774-936-11	CONNECTOR, BO	ARD TO BO	DARD 12F)						
		51055				R253	1-259-436-11		2.2K	5%	1/6W
		< DIODE >				R254	1-259-464-11		33K	5%	1/6W
D000	0.740.007.40	DIODE ANIALON				R255	1-259-446-11		5.6K	5%	1/6W
D902	8-719-987-63	DIODE 1N4148N				R256	1-259-500-11		1M	5%	1/6W
D903	8-719-024-99	DIODE 11ES2-N				R257	1-259-456-11	CARBON	15K	5%	1/6W
D904 D905	8-719-987-63	DIODE 1N4148N DIODE 1N4148N				Date	1 250 454 11	CARBON	15K	E0/	1/6W
	8-719-987-63	DIODE 1N4148N				R258	1-259-456-11		15K 1M	5% 5%	
D906	8-719-987-63	DIODE IN41481	VI			R259	1-259-500-11 1-259-500-11		1M	5% 5%	1/6W 1/6W
D907	8-719-987-63	DIODE 1N4148N	Л			R260 R270	1-259-464-11		33K	5% 5%	1/6W
D907	8-719-987-63	DIODE 1N4148N				R419	1-249-429-11		10K	5%	1/6VV 1/4W
D900	8-719-987-63					11417	1-247-427-11	CARDON	TUK	370	17400
D911	8-719-987-63	DIODE 1N4148N				R902	1-249-429-11	CARBON	10K	5%	1/4W
D912	8-719-987-63	DIODE 1N4148N				R903	1-249-429-11		10K	5%	1/4W
5712	0 717 707 00	DIODE INTITIO	*1			R905	1-249-429-11		10K	5%	1/4W
D913	8-719-985-59	DIODE HZS4CLI				R908	1-249-429-11		10K	5%	1/4W
D914	8-719-987-63	DIODE 1N4148N				R909	1-249-429-11		10K	5%	1/4W
D915	8-719-987-63	DIODE 1N4148N									
D916	8-719-987-63	DIODE 1N4148N	Л			R910	1-249-400-11	CARBON	39	5%	1/4W F
D919	8-719-987-63	DIODE 1N4148N	Л			R911	1-249-411-11	CARBON	330	5%	1/4W
						R912	1-249-429-11	CARBON	10K	5%	1/4W
		< IC >				R913	1-249-425-11	CARBON	4.7K	5%	1/4W F
						R914	1-247-807-31	CARBON	100	5%	1/4W
IC901	8-759-962-08										
IC902	8-759-392-41	IC TMP47C103N	N-JP47			R917	1-249-433-11		22K	5%	1/4W
						R918	1-247-843-11		3.3K	5%	1/4W
		< TRANSISTOR >	•			R919	1-247-843-11		3.3K	5%	1/4W
0000	0.700 (00.05	TDANIOIOTOD O	000/00 FF			R920	1-249-429-11		10K	5%	1/4W
Q900		TRANSISTOR D				R921	1-249-429-11	CAKROIN	10K	5%	1/4W
Q901 Q902		TRANSISTOR D				R922	1-249-429-11	CADDON	10K	5%	1/4W
Q902 Q903		TRANSISTOR D				R922 R923	1-249-429-11		10K 10K	5% 5%	1/4VV 1/4W
Q903 Q904		TRANSISTOR U				R923 R924	1-249-429-11		10K 10K	5% 5%	1/4VV 1/4W
Q7U4	J-127-422-0/	INAISISIUN U				R924 R927	1-249-406-11		120	5% 5%	1/4VV 1/4W F
Q905	8-729-422-57	TRANSISTOR U	N4111			R941	1-247-843-11		3.3K	5%	1/4W
Q906		TRANSISTOR U				10711	1 217 010 11	O/ II (DOI)	0.010	070	17 1 4 4
Q907		TRANSISTOR 2		E		R942	1-247-756-11	CARBON	2.2K	5%	1/2W
Q908		TRANSISTOR 2				R943	1-247-756-11		2.2K	5%	1/2W
Q909		TRANSISTOR 2				R944	1-247-843-11		3.3K	5%	1/4W
						R950	1-249-419-11		1.5K	5%	1/4W F
Q910	8-729-201-53	TRANSISTOR 2	SA1015-GR	2		R951	1-247-807-31	CARBON	100	5%	1/4W
Q911	8-729-142-36	TRANSISTOR B	N1L3Z								
Q920		TRANSISTOR U				R952	1-249-427-11		6.8K	5%	1/4W F
Q921		TRANSISTOR 2				R953	1-247-903-00		1M	5%	1/4W
Q922	8-729-620-05	TRANSISTOR 2	SC2603-EF			R954	1-249-425-11		4.7K	5%	1/4W F
_				_		R958	1-249-406-11		120	5%	1/4W F
Q923	8-729-119-76	TRANSISTOR 2	SA1175-HF	Ł		R959	1-249-429-11	CARBON	10K	5%	1/4W
						D0/0	1 240 420 11	CADRON	101/	E0/	1//\/
						R960	1-249-429-11		10K	5%	1/4W
						R961 R962	1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W
						1 KA07	1-247-429-11	MUDDIN	IUN	J 70	1/4VV

PANEL	PRO IND	SP SW	SPTM	TRANS

Ref. No.	Part No.	<u>Description</u> < VARIABLE RES	CISTOD >		Remark	<u>(S</u>	Ref. No.	Part No.	<u>Description</u> < RELAY >			Remarks
		RES, VAR, CARBON 250K/250K (BALANCE)										
RV200 RV201		RES, VAR, CARB RES, VAR, CARB		•			RY701	1-515-614-11	RELAY			
RV202	1-223-935-21	RES, VAR, CARB	ON 900K/9	900K (BAS	S)				< SWITCH >			
		< SWITCH >					S900 ******		SWITCH, ROTAR	,		,
S200 S201		SWITCH, PUSH (SWITCH, PUSH (` '`		RECT)		*	1 660 571 11	SP TM BOARD			
S202 S901	1-571-112-21	SWITCH, PUSH (SWITCH, ROTAR	(1 KEY)(Sl	JBSONIC)				1 000 371 11	******			
		< VIBRATOR >						1-533-233-11	HOLDER, FUSE			
X900	1-577-358-21	VIBRATOR, CERA	AMIC 4MH	lz					< CAPACITOR >			
		********			******	k	C501	1-164-159-11	CERAMIC	0.1uF		50V
*	1-660-567-11	PRO IND BOARD							< CONNECTOR >			
		< CONNECTOR >					CN503 CN802	1-566-212-11 1-564-321-00	PIN, CONNECTO PIN, CONNECTO			
CN951	1-691-766-21	PLUG (MICRO C		R) 4P			CN804 * CN808	1-580-230-11 1-564-321-21	PIN, CONNECTO	R (PC BOA	ARD) 2P	
		< DIODE >					* CN809	1-565-792-11	PIN, CONNECTO	R 2P		
D900	8-719-313-48	DIODE SEL6210	OS-TH12 (PROTECTI	ON)				< DIODE >			
		< IC >					D501 D502		DIODE 1N4148 DIODE 1N4148			
IC900	8-759-373-49	IC NJL54H400							< FUSE >			
		< RESISTOR >					 △ F801 △ F802	1-532-388-51 1-532-464-51				
R900 ******	1-249-409-11	CARBON *********	220	5% ******	1/4W *****				< COIL >			
*	1-660-564-11	SP SW BOARD					L501	1-411-906-11	COIL, AIR-CORE			
		******					L551	1-411-906-11	COIL, AIR-CORE			
		< CONNECTOR >							< RESISTOR >			
CN552 CN950		PLUG (MICRO C		,			R501 R502	1-249-162-11 1-247-750-11		10 680	5% 5%	1/3W 1/2W F
CN960		PLUG (MICRO C		,			R551	1-249-162-11	CARBON	10	5%	1/3W
		< DIODE >					R552	1-247-750-11		680	5%	1/2W F
D701	8-719-987-63	DIODE 1N4148I	M						< RELAY >			
			< RESIS	STOR >				1-515-921-11 1-515-921-11	` '			
R928	1-247-751-11		820	5%	1/2W				< TERMINAL >			
R929 R930	1-247-751-11 1-247-751-11		820 820	5% 5%	1/2W 1/2W		* TM501	1-537-519-11	TERMINAL BOAF	RD (SPEAK	(ERS)	
R931	1-247-751-11		820	5%	1/2W		******	******	*******	*****	******	******
R932	1-247-751-11	CAKBON	820	5%	1/2W		*	1-660-574-11	TRANS BOARD			
R933	1-247-751-11		820	5%	1/2W	г			******			
R934 R935	1-247-746-11 1-247-746-11		390 390	5% 5%	1/2W 1/2W				< TRANSFORME	R >		
R936	1-247-746-11		390	5%	1/2W				. TO UNOT OTHINE			
R937	1-247-746-11		390	5%	1/2W		 ∆T1 *******		TRANSFORMER,		****	*****
R938	1-247-753-11	CARBON	1.2K	5%	1/2W							
R939	1-247-753-11	CARBON	1.2K	5%	1/2W		l					



Ref. No.	Part No. 1-660-565-11	Description VOL BOARD ************************************			Remark	ks	Ref. No.	Part No.	Description MISCELLANEOUS ************************************	Remarks
C904	1-136-165-00	< CAPACITOR > FILM C < CONNECTOR >	O.1uF	5%	50V		⚠ CNJ802 ⚠ CNJ803		OUTLET, AC	
CN201	1-691-770-11	PLUG (MICRO CON	INECTOR)	8P			♠ F802 Q403 Q404 Q406B	8-729-232-45 8-729-232-46	FUSE,TIME LAG 2.5A/250V TRANSISTOR 2SK1529-Y TRANSISTOR 2SJ200-Y TRANSISTOR 2SD2012	
	1-568-317-11 1-568-319-11	SOCKET, CONNECT SOCKET, CONNECT					Q453 Q454		TRANSISTOR 2SK1529-Y TRANSISTOR 2SJ200-Y	
0950	8-729-141-26	< TRANSISTOR > TRANSISTOR 2SO	`3622A-I K				≜ S1 ≜ T1		SWITCH, PUSH (AC POWER)(1 KEY) TRANSFORMER, POWER	
Q951	8-729-141-26	TRANSISTOR 2SC					******	*******	************	******
		< RESISTOR >							ACCESSORIES & PACKING MATERIAL ************************************	
R955 R956	1-249-427-11 1-249-427-11		6.8K 6.8K TOR >	5% 5%	1/4W 1/4W	- 1			REMOTE COMMANDER (RM-S316) MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH,POR MANUAL, INSTRUCTION	TUGUESE)
RV203 1-225-227-11 RES, VAR, CARBON 120K/120K (VOLUME) ************************************								4-981-643-01	(GERMAN, DUTCH, SWEDISH COVER, BATTERY (FOR RM-S316)	H,ITALIAN)

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

TA-FE610R